

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 01107.00004	SERIAL NUMBER
	APPLICANT Nicholas Nicolaides et al.	
	FILING DATE April 24, 2000	GROUP ART UNIT

JC571 U.S. PTO
09/536149
4/26/00

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>RBS</i>	Glaab WE et al. Carcinogenesis 18:1-8, 1997
<i>RBS</i>	Nicolaides et al. Nature 371:75-80, 1994
<i>RBS</i>	Nicolaides NC et al. Mol. Cell. Biol. 18:1635-1641, 1998

EXAMINER	<i>RBS</i>	DATE CONSIDERED	<i>3/20/02</i>
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Application Number	09/558,149
Filing Date	April 26, 2000
First Named Inventor	NICOLAIDES et al.
Group Art Unit	1632
Examiner Name	R. SHUKLA

Attorney Docket Number

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U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
R RS		5,907,079		Mak et al.	05/25/1999	800/2
R RS		6,146,894		Nicolaides et al.	11/14/2000	435/440
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R RS		PCT	WO 99/19492		Betzner et al.	04/22/1999	—
R RS		PCT	WO 97/08312		Kinzler et al.	03/06/1997	—

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R RS		Allen, D., et al., "MutS mediates heteroduplex loop formation by a translocation mechanism" <i>EMBO J.</i> , 1997, 16(14), 4467-4476.				
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		de Wind, N., et al., "Inactivation of the mouse Msh2 gene results in mismatch repair deficiency, methylation tolerance, hyperrecombination, and predisposition to cancer" <i>Cell</i> , 1995, 82, 321-330.				
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R RS		Fishel, R. et al. "The human mutator gene homolog MSH2 and its association with hereditary nonpolyposis colon cancer." <i>Cell</i> 1993, 7:1027-1038.				

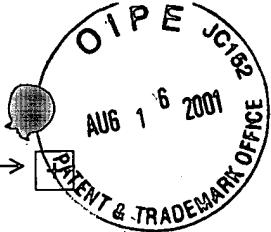
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RRS		Galio, L., et al., "ATP hydrolysis-dependent formation of a dynamic ternary nucleoprotein complex with MutS and MutL" <i>Nucleic Acids Research</i> , 1999, 27(11), 2325-2331.	
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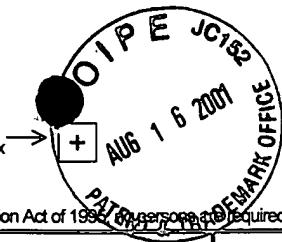
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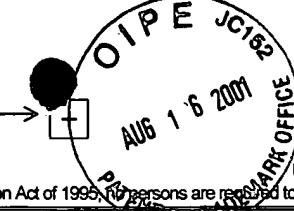
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RRS		Spampinato, C., et al., "The MutL ATPase is required for mismatch repair" <i>J. Biological Chemistry</i> , 2000, 275(13), 9863-9869.		T ²
		Strand, M., et al., "Destabilization of tracts of simple repetitive DNA in yeast by mutations affecting DNA mismatch repair" <i>Nature</i> , 1993, 365, 274-276.		
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